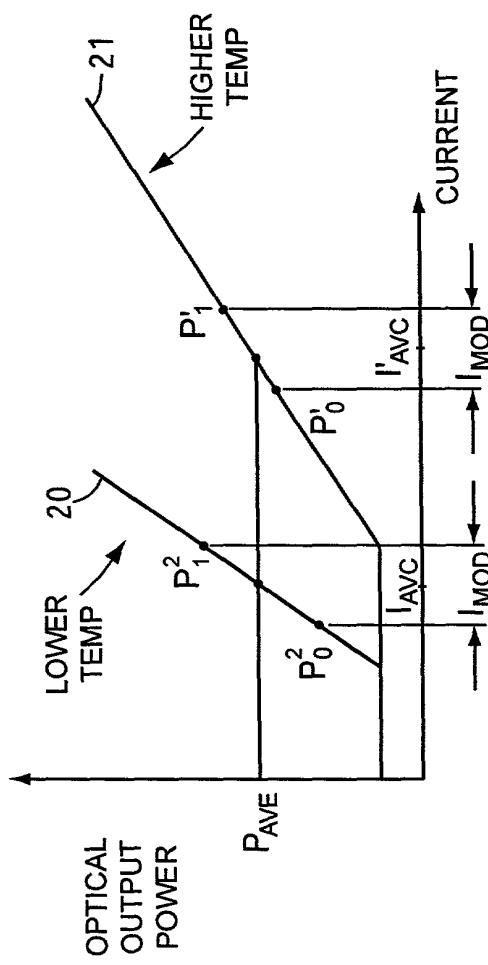


FIG. 1  
(PRIOR ART)

LASER CHARACTERISTICS



$$\text{re (EXTINCTION RATIO)} \quad \frac{P_1}{P_0} > \frac{P'_1}{P'_0}$$

FIG. 2  
(PRIOR ART)

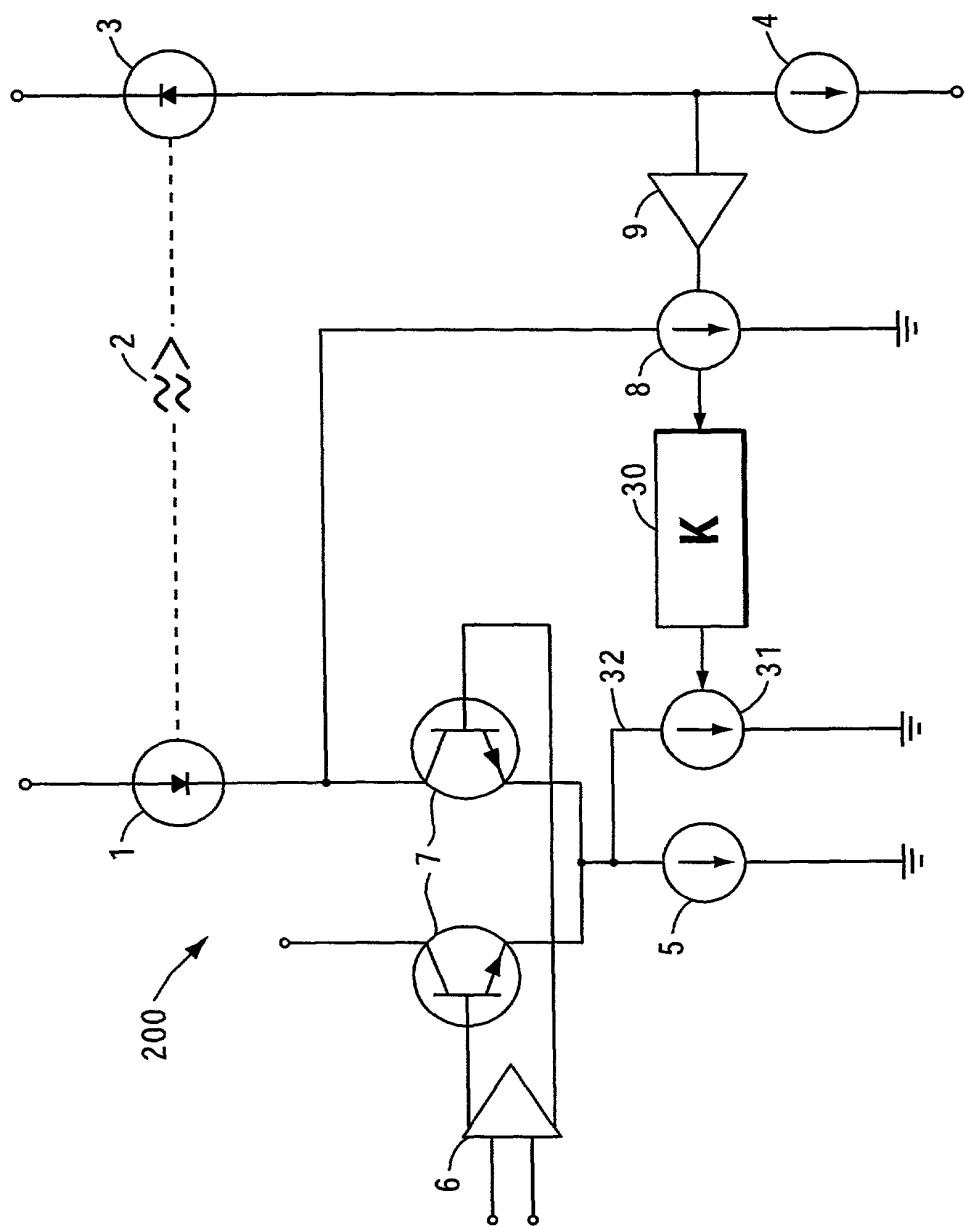
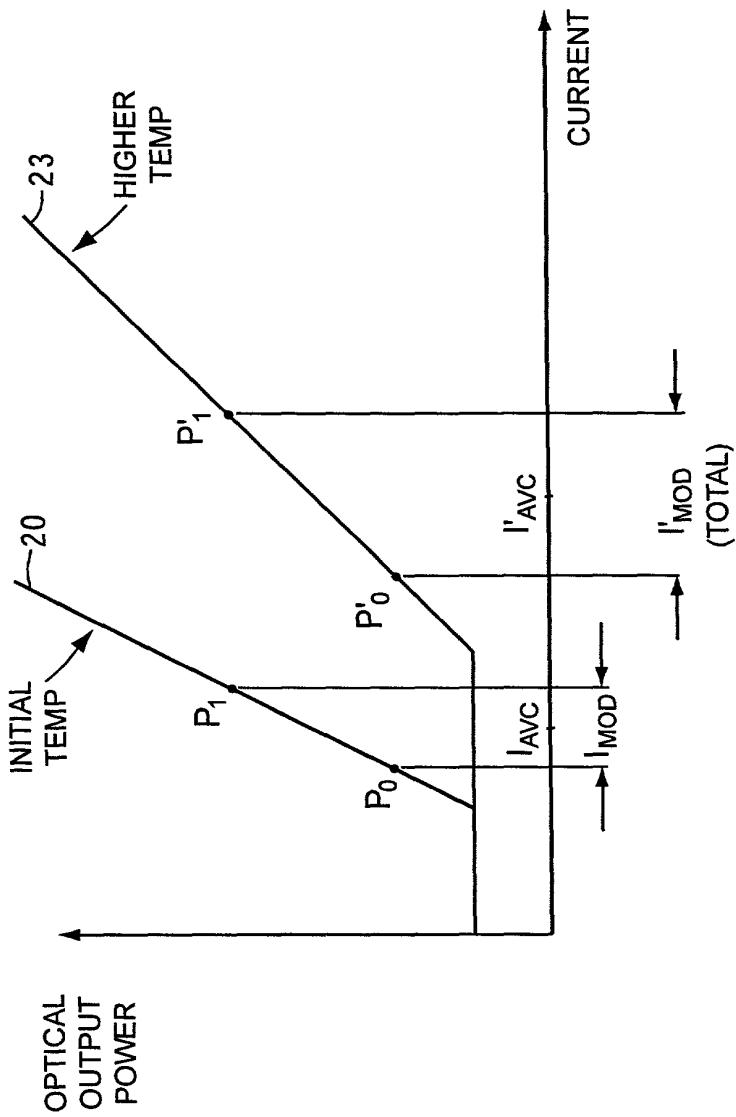


FIG. 3

LASER CHARACTERISTICS

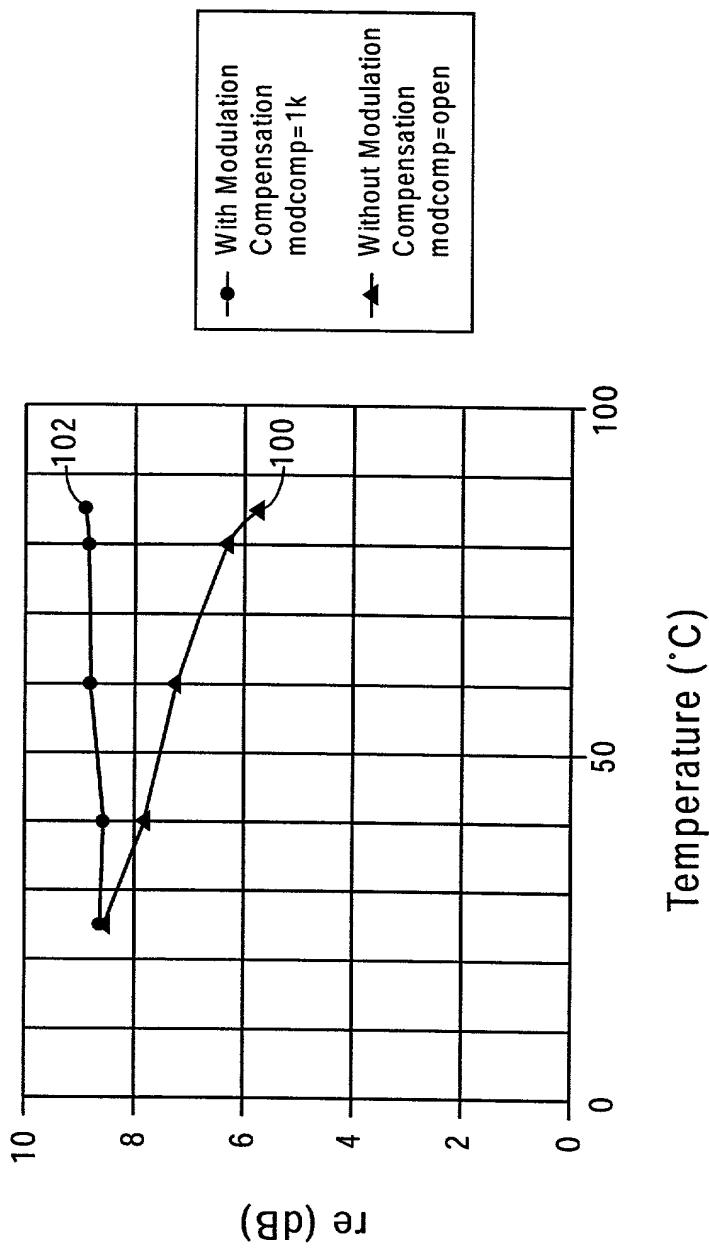


$$I_{MOD(TOTAL)} = I_{MOD} + K I_{AVC}$$

$$(EXTINCTION\ RATIO) = \frac{P_1}{P_0} \approx \frac{P'_1}{P'_0}$$

FIG. 4

Extinction Ratio vs. Temperature



Temperature (°C)

FIG. 5